



REMARKS

Claims 1-18 were pending in the application. Claims 19-26 are added. Claims 1 and 11 are the independent claims. Consideration of the amended application is respectfully requested.

Eight new claims are added by this amendment. A check is enclosed herewith in payment of the fee for six of these additional claims. A change of correspondence address is also submitted herewith. Please note the new correspondence address listed below.

Respectfully submitted,

August 22, 2001

Date

TMC:lep

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Certification under 37 CFR 1.8

August 22, 2001

Date of Deposit

I hereby certify that this Preliminary Amendment is being deposited with the United States Postal Service as First Class Mail under 37 CFR §1.8 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Laureen Ponder

Typed or printed name of person
mailing Preliminary Amendment

Signature of person mailing
Preliminary Amendment

VERSION WITH MARKINGS TO SHOW CHANGES MADE

19. (New) The process of claim 1, wherein the imaging object is a human being, and the uniform polarizing magnetic field is produced by a magnetic resonance imaging system, wherein the human being stands upright within the uniform polarizing magnetic field.

20. (New) The process of claim 2, wherein applying RF energy to the imaging object according to a fast-spin echo technique includes applying an RF pulse corresponding to the angular precession frequency for a selected plane of the imaging object.

21. (New) The process of claim 20, further comprising, after providing the imaging data, moving the imaging object and applying an RF pulse corresponding to the same angular precession frequency, to select a different plane of the imaging object.

22. (New) The process of claim 20, further comprising, after providing the imaging data, applying an RF pulse corresponding to a different angular precession frequency, to select a respective different plane of the imaging object, without moving the imaging object.

23. (New) The process of claim 11, wherein the imaging object is a human being, and the uniform polarizing magnetic field is produced by a magnetic resonance

imaging system, wherein the human being stands upright within the uniform polarizing magnetic field.

24. (New) The process of claim 12, wherein the first 90-degree RF excitation pulse corresponds to the angular precession frequency for a selected plane of the imaging object.

25. (New) The process of claim 24, further comprising, after providing the imaging data, moving the imaging object and applying the first 90-degree RF excitation pulse corresponding to the same angular precession frequency, to select a different plane of the imaging object.

26. (New) The process of claim 24, further comprising, after providing the imaging data, applying the first 90-degree RF excitation pulse corresponding to a different angular precession frequency, to select a respective different plane of the imaging object, without moving the imaging object.